# Lightning: Your Biggest Weather Risk





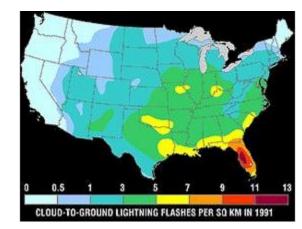




## **Risk Assessment**

# **Probability:**

- ✓ Lightning is the <u>leading killer of all weather phenomena</u>
- **✓** Each year lightning <u>kills more people than tornadoes and hurricanes combined</u>
- ✓ Lightning strikes are most common in the Southeast
- √73% of incidents happen in June, July or August



## **Severity:**

- ✓ Lightning bolt carries up to 100,000,000 volts
- ✓ Vaporizes its path with a <u>30,000 degree</u> plasma
- ✓If doesn't <u>electrocute</u> you, will <u>set you on fire</u> or <u>explode</u> you

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# **CONTROLS:**

### **Before the storm:**

- •Check weather forecasts
- •Keep a watchful eye out for signs of approaching storm

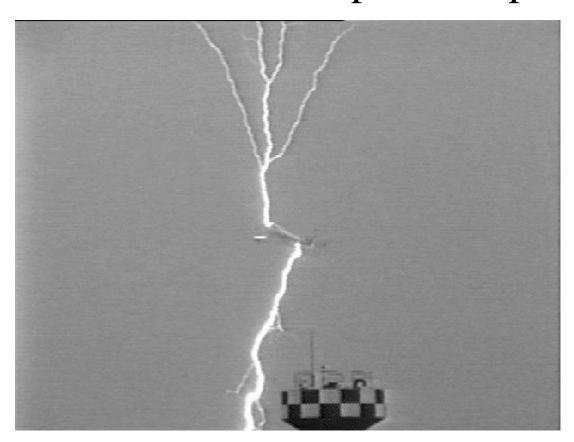
#### When you hear thunder:

- •If on the water, immediately move to land
- •If on land, immediately move to a building
- •Do not go to picnic or rain shelters or trees }
- •Stay away from windows, water pipes and appliances (tip:cordless is OK)
- •If you cannot get to a building get to a vehicle with a metal roof





An enclosed metal vehicle provides protection





spot under short brush

or trees



#### **If Caught Outdoors: CONTROLS** (Cont): •Find a low spot away from trees and poles Squat low to the ground on balls of your feet. Place your hands over After the storm: your ears •Wait 30 minutes Avoid proximity after the last (minimum 15ft) of other observed lightning people or thunder •In the woods, find a low (Lightning can

reach 8 miles)





# **Safety Tips**

Save Lives.

Pass Them On !!